

## NOISE FILTER FOR AN INTEGRATED CIRCUIT

### ABSTRACT OF THE DISCLOSURE

5        A noise filter for an integrated circuit is proposed. The noise filter comprises a CMOS inverter and two capacitors. The input of the CMOS inverter is coupled with an input pad of the integrated circuit and the output of the CMOS inverter is coupled with an input buffer. The first capacitor is inserted between the output of the CMOS inverter and a first  
10 voltage source and the second capacitor is inserted between the output of the CMOS inverter and a second voltage source. A transfer gate may be instead of the CMOS inverter.